

## EAST Search History

| Ref # | Hits  | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|--|------------------|---------|------------------|
| L1    | 9516  | active matrix liquid crystal display<br>AND @ad<="20031225"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/04/09 13:31 |
| L2    | 2697  | 1 AND switch  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/04/09 13:28 |
| L3    | 310   | 2 AND flicker   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/04/09 13:28 |
| L4    | 283   | 3 AND @ad<="20021227"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/04/09 13:29 |
| L5    | 13    | 4 AND (step or stepwise) NEAR<br>voltage  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/04/09 13:29 |
| L6    | 4     | 4 AND switch NEAR4 (gate or gate<br>line or row or common or horizontal<br>or selection line or x) driver | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/04/09 13:32 |
| L7    | 14850 | (345/204-206,208-210,55,69,<br>87-98).ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/04/09 13:31 |

## EAST Search History

|     |        |  |  |     |    |                  |
|-----|--------|--|--|-----|----|------------------|
| L8  | 271    | 7 AND active matrix liquid crystal display AND @ad<="20031225" AND flicker   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/04/09 13:33 |
| L9  | 3      | 8 AND switch NEAR4 (gate or gate line or row or common or horizontal or selection line or x) driver  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/04/09 13:32 |
| L11 | 17     | ("5151805"   "5300945"   "5414443"   "5457474"   "5587722"   "5646643"   "5686932"   "5739816"   "5754155"   "5764225"   "5784039"   "5917465"   "5995074"   "6005543"   "6020870"   "6046716"   "6229531").PN. OR ("7002542").URPN. | US-PGPUB;<br>USPAT;<br>USOCR   | OR  | ON | 2007/04/09 13:33 |
| L12 | 199860 | Kobayashi.in. OR Rembutsu.in. OR Hiraga.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/04/09 13:34 |
| L13 | 5472   | 12 AND (Yasuhiro OR Keiichi OR Satoru)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/04/09 13:34 |
| L14 | 88     | 13 AND liquid crystal display  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/04/09 13:34 |